# FELIX YANWEI WANG

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#### **Massachusetts Institute of Technology** Cambridge, MA Ph.D. EECS (Robot Learning) | GPA: 4.5/5.0 (Advisor: Julie Shah) 2025 Northwestern University **Evanston**, IL M.S. Robotics | GPA: 4.0/4.0 2019 **Middlebury College** Middlebury, VT B.A. Physics & Computer Science | GPA: 3.75/4.0 2017 **EXPERIENCE Generalist AI, Inc** San Mateo, CA Member of Technical Staff (Full-Time) Current Project: Research on AI Methods Applied to Robot Automation **Massachusetts Institute of Technology - CSAIL** Cambridge, MA 09/2019 - 05/2025 Research Assistant PhD: Steering Robots with Inference-Time Interactions **Nvidia Seattle Robotics Lab** Seattle, WA Research Intern 06/2023 - 08/2023 • Project: Inference-Time Policy Steering through Human Interactions **MIT-IBM Watson AI Lab** Cambridge, MA Research Intern 06/2022 - 09/2022 Project: Prompting Motion Generator for Embodied Behavior Synthesis • **Auris Health Redwood City, CA** 06/2018 - 09/2018 **Engineering** Intern • Patent: Anatomical Feature Identification and Targeting

## **PUBLICATIONS**

- Y Wang, L Wang, Y Du, B Sundaralingam, X Yang, Y Chao, C P'erez-D'Arpino, D Fox, J Shah. Inference-Time Policy Steering through Human Interactions. (ICRA 2025)
- M Hagenow, D Kontogiorgos, Y Wang, J Shah. Versatile Demonstration Interface: Toward More Flexible Robot Demonstration Collection. Preprint 2024
- Y Wang, TH Wang, J Mao, M Hagenow, J Shah. Grounding Language Plans in Demonstrations Through Counterfactual Perturbations. (ICLR 2024 Spotlight)
- Y Wang, N Figueroa, S Li, A Shah, J Shah. Temporal logic imitation: Learning plan-satisficing motion • policies from demonstrations. Proceedings of The 6th Conference on Robot Learning, PMLR 205:94-105, 2023. (CoRL 2022 Oral, IROS 2023 Best Student Paper @ Learning Meets Model-based Methods for Manipulation and Grasping Workshop)

## **EDUCATION**

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- Z Guo, P Wang, Y Wang, S Yu. Dr. llama: Improving small language models in domain-specific qa via generative data augmentation. (KDD 2023)
- Y Wang, CY Ko, P Agrawal. Visual pre-training for navigation: What can we learn from noise? 2023 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2023)
- YE Menglong, **Y Wang**, E Ayvali, DP Noonan. Anatomical Feature Identification and Targeting. US Patent 11,298,195

#### PRESENTATIONS

- Spring 2025 Inference-Time Policy Steering. Invited Talk at Google DeepMind
- Spring 2025 Inference-Time Policy Customization via Interactive Task Specification. Invited Talk at Stanford University
- Spring 2025 Inference-Time Policy Customization via Interactive Task Specification. Invited Talk at Tsinghua University
- Fall 2024 Inference-Time Policy Customization through Interactive Task Specification. MIT EI Seminar
- Fall 2024 Inference-Time Policy Alignment through Human Interactions. Invited Talk at University of New Hampshire
- Summer 2024 Conditional Motion Generation through Physical Interactions. Invited Talk at RSS 2024 Generative AI Meets Human Robot Interaction Workshop
- Summer 2024 Conditional Motion Generation through Physical Interactions. Invited Talk at Fauna Robotics
- Spring 2024 Interactive Task and Motion Imitation. Invited Talk at Brown University Robotics Seminar
- Spring 2024 Interactive Task and Motion Imitation. Invited Talk at University of Utah